

Beach Cities Watershed Management Group Meeting
August 9, 2016
Meeting Minutes

Attendees: Geraldine Trivedi (City of RB), John Dettle (City of Torrance), Shawn Igoe (City of Manhattan Beach), Ruby Wang (LACFCD), TJ Moon (LACFCD), Chris Wessel (Geosyntec), Susan Robinson (McGowan Consulting), Kathleen McGowan (McGowan Consulting)

1. **Approval of minutes from August** – approved unanimously
2. **Annual Reporting – McGowan Consulting and Geosyntec**
 - a. Main Watershed Report
 - i. Information responses for critical items in individual annual reports needed by September 30 from Redondo Beach and Torrance
 - ii. Information responses from Manhattan Beach received except for a few outstanding items, need remaining items by September 30
 - iii. Some information received from Hermosa Beach, majority still pending, need as soon as possible and no later than September 30
 - b. EIA Discussion
 - i. The group agreed to estimate baseline effective impervious area (EIA) based on impervious area in each watershed assuming that EIA is equal to impervious area for highly developed urban watersheds
 - ii. Geosyntec will provide the baseline impervious areas utilized in the RAA modeling by jurisdiction and watershed
 - iii. City of LA is using the Rational Method Equation (CIA) calculation from the LA County Hydrology Manual to obtain Estimated Stormwater Runoff Volume during the 85th percentile storm
 - c. IMCR and Non-Stormwater Discussion
 - i. Summary Tables – raw data from 2015-16 reporting year
 1. Data compiled and analyzed against exceedances
 2. Geosyntec will complete final data tables by the end of the week
 3. Santa Monica Bay Beaches Bacteria TMDL Exceedances Data
 - a. Almost every station had exceedances for summer dry weather
With a single exception, these summer dry weather exceedances were all during the Hyperion 1-mile diversion of its outfall
 - b. There were additional exceedances at 6-2 and 6-3 during winter dry weather
 4. Dominguez Channel ME28
 - a. Exceedances that were observed were mostly metals and bacteria
 - b. Geosyntec asked the group if the TMDL constituents in the Dominguez Channel Estuary should be sampled for at outfall 7

- i. Chris Wessel will double check CIMP to see what it says about these constituents
 - ii. City of LA is monitoring in Torrance lateral downstream of our outfall which will serve as receiving water data so it makes sense for our group to monitor for the same TMDL pollutants that they are monitoring
 - 1. TJ Moon will investigate with the Dominguez Channel Group to see what they are monitoring for in the Torrance Lateral outfall
- 5. Chris Wessel will send out draft IMCR by October 1 and the group will have until October 23rd for comments

3. CIMP Implementation - Chris Wessel

- a. Flow Probe Installation
 - i. Flow probes installed at BCEG-01 and BCEG-07 (9/13)
 - ii. Flow probes will be installed at BCEG-02 and BCEG-05/06 (Scheduled for 9/28)
 - 1. City of Lawndale permit for BCEG-06 is still pending
 - 2. Geosyntec is proposing to swap out BCEG-05 for BCEG-06 in case Lawndale permit is not ready in time for first storm event
 - a. Geosyntec will prep to monitor Site BCEG-05 in case they need to replace BCEG-06
 - b. Monitoring would just occur in opposite years as proposed in CIMP for BCEG-05 and BCEG-06
 - i. This year Sites BCEG-01,02,07, & 05 would be monitored instead of BCEG-01, 02, 07, & 06.
 - c. The group approved this change if it is needed and agreed that the Regional Board does not need to be notified until we submit Annual Report
- b. Health and Safety Plans (HASPs): HASPs for Geosyntec, EcoKai and Michelson are complete and have been sent out to group
- c. Activation Memo
 - i. Mobilization criteria updated
 - 1. Tables 1 and 2 in the memo have been updated
 - a. Cities need to get information to Geosyntec regarding contacts at each City who need to be notified before mobilization
 - b. Geosyntec will make note on document that this is an internal/confidential document
 - c. Torrance asked for notifications to include details about traffic control
 - i. Geosyntec will send out a summary of the monitoring locations and traffic control procedures for each to City reps

- d. Geosyntec will add Ruby Wang and will update LA County to LACFCD in the notification table
 - ii. Sampling mobilization criteria updated to spell out criteria for monitoring or not monitoring based on restrictions
 - 1. No night sampling (i.e., daylight hours only)
 - a. This would mean that Geosyntec will need to mobilize at least 4 hours before sundown
 - b. Geosyntec suggested the possibility of shortening the composite window (from 3 hours) if needed to fit in a sampling event
 - 2. The group agreed to keep restriction for sampling hours to between 9am and 3pm due to safety concerns associated with rush hour traffic
 - 3. The group agreed to allow sampling on the weekends
 - iii. Ruby Wang will get cost estimate to Chris Wessel on auto sampler installation and Geosyntec will investigate this option for site with difficult access for future monitoring years
- d. Exceedance Notification and Action Plan
- i. Geosyntec has incorporated the group's comments
 - ii. Geosyntec has added the Dominguez Channel outfall parameter list based on receiving water monitoring results
 - iii. The group discussed what to do about parameters that are above the Method Detection Limit, but have no Water Quality Objectives
 - 1. Ruby Wang will check to see what other groups are doing and get back to the group
- e. NSW Investigation
- i. Follow-up inspection(s) at Herondo are planned during Winter Dry Weather (after the first storm, once the berm has been breached)
 - ii. Redondo Pier flow source identification
 - 1. Significant flow at this location, with tidal water seeping into the storm drain system and a pump discharging it back to the ocean
 - 2. This should be considered rising groundwater and is an exempt natural source as long as there is no combined runoff coming from upstream
 - 3. Redondo Beach is going to look into installing a diversion upstream to prevent urban flow from comingling before the discharge
 - iii. NSW Prioritization Memo is Awaiting 2nd and 3rd screening results from City of Torrance for Dominguez Channel planned for August and September
 - 1. 2nd round has been completed
 - 2. 3rd round will be done at the end of Sept./early October
 - iv. The group must complete 50% of needed source investigations by December 28, 2016
 - 1. Geosyntec plans to complete source investigation by the end of October

f. PCB Analysis Methodology

i. EPA 608 – Gas Chromatography

CIMP specifies EPA 608 for PCB analysis (low resolution to quantify PCBs using Arochlors) and will need to do this analysis anyway for DDT

ii. Other methods of PCB analysis could be considered:

1. EPA 1668c (high resolution) method

- a. This method is recommended in the TMDL but is much more costly
- b. Regional Board did not request use of this method in the Beach Cities CIMP, but some other CIMP groups are being required to use this method

2. EPA 8270 is the middle ground method

- a. Resolution does not meet reporting limits from the TMDL
- b. In other groups, the Regional Board asked that this method not be used

iii. Direction of group is to stay with EPA method 608 as specified in the approved CIMP

g. Geosyntec is preparing for October 1st Activation

4. LA Permit Group Meeting

a. ROWD

i. Discussion at last two LA Permit group meetings about what to do and how to structure the ROWD

ii. John Hunter (JLHA) had a conversation with the Regional Board whose stated intent is to issue a very similar permit during the next term

iii. The consensus at the LA Permit Group meeting was:

1. To develop a short list of issues in the permit that we want changed to serve as key content for the ROWD

- a. As the cities prepare their annual reports, they should think about any issues they'd like to see changed/modified in next permit

2. To determine structure of the ROWD once annual reports are completed

iv. Unfunded Mandate relationship to ROWD

1. Cities should start documenting costs very closely if they wish to recover costs—Unfunded Mandate Commission auditors are very detailed in reviewing submitted costs for recovery

2. Costs paid from a fee recovery or grant account will not be eligible for reimbursement under an unfunded mandate

3. Howard Gest will be invited to the next LA Permit Group meeting to speak about this decision

5. EWMP

a. Draft EWMP Implementation MOU

i. Key comments raised by Torrance:

1. Purpose of MOU should be only to fund grant applications, administration of EWMP, and to agree on cost sharing formula for preparing EWMP updates.
2. Assume cost of grant applications is \$10K per project (five projects need full or partial funding within five years, so \$50K). Plus \$10K per year for administration.
3. Eliminate statements that “agree to work cooperatively to seek funding”. Torrance cannot commit to funding projects without a revenue source—Torrance has no annual revenue for EWMP or projects or updates.
4. Limit discussion/responsibility to projects identified in the EWMP for implementation during next five years (2017-2021) [*this would only eliminate one project, the Artesia Blvd and Hawthorne Blvd Filtration project*] projects within 5-year window: Manhattan Beach Infiltration Trench, Hermosa Beach Greenbelt Infiltration, Redondo Beach Park #3, Green streets implemented over required area in SMB 6-01 and SMB 5-02, Powerline Easement Filtration (through design), 1/4th of required green streets in Dominguez Channel by Redondo Beach and Manhattan Beach, pilot installation of catch basin inlet filters by Torrance in Dominguez Channel.
5. Eliminate discussion of individual responsibility for green street (distributed) projects from body of agreement and eliminate Table 4, Table 5 and Table 6.
6. Move Table 3 to Exhibit A and just show 100% responsibility for the individual agency responsible for the projects in Table 3.
7. Grant application will need to be submitted by the project lead agency rather than the MOU lead unless they are the same entity.
8. Rather than invoice annually, set up a one-time up front cost schedule to cover only grant application and 3 years of administration, including cost to prepare RFP and contract for EWMP update.
9. Eliminate option to extend MOU for two extra years, can extend the term when the MOU is amended to fund the EWMP update
10. Defer cost for EWMP update for future amendment once costs are known
11. Limit “whereas” statements only to those related to EWMP without including any related to CIMP or the CIMP MOU
12. Eliminate “whereas” statements that reference EWMP milestones, schedule or cost estimates for projects in the EWMP
13. Eliminate “whereas” statements that reference EWMP commitments to pursue funding for EWMP implementation.
14. Eliminate any statements that discuss limitations on grant funding and need for other sources of funding to implement the EWMP beyond grants

15. MOU will only commit parties to fund grant applications and administration

ii. Other key issues

1. McGowan Consulting requested capture volume breakdown for the Redondo Beach Powerline Easement project
 - a. Geosyntec will provide this under the remaining EWMP development budget with Redondo Beach
2. Group needs to decide who will be the lead agency
3. Group needs to decide whether there is consensus on retaining Blaise and Associates to prepare grant applications
4. LACFCD contribution needs to be determined
 - a. LACFCD is looking into what they are willing to contribute to the EWMP groups for implementation
5. Cost Sharing for Grant Application scope
 - a. The group agreed to share cost for this EWMP based on each City's share of the total EWMP area
 - b. McGowan Consulting will include a statement that this MOU is for administration and is not setting a precedent for cost sharing for project construction down the road

iii. Remaining agencies will provide comments on the MOU to McGowan Consulting

b. Joint Outreach Material for Construction Sites Less than One Acre

- i. CASQA will not allow distribution of BMP fact sheets by cities
 1. CASQA will bring this issue to their board in the future
 2. In the meantime, our outreach materials will need to stand on their own

ii. Building & Safety Feedback

1. Cities will get feedback from their building and safety departments on the content, layout, and format of outreach material distributed and provide comments to McGowan Consulting

c. Leadership Committee will accept EWMPs into IRWMP at September 28st meeting

6. Grant Applications:

- a. Prop 1 Stormwater Round 1 Implementation for Hermosa Greenbelt Infiltration submitted by July 8th deadline—waiting for results
- b. Coastal Conservancy Round 4 pending - possible Hermosa Greenbelt design
 - i. Coastal Conservancy is considering this project in round 4
- c. CWSRF Green Reserve with partial loan forgiveness up to \$2.5 million - rolling submittal
- d. Prop 1 IRWMP Implementation—TBD
 - i. Expect solicitation sometime in the last year/year and a half

7. Next meeting October 11, 2016

ACTION ITEMS:

1. Geosyntec will provide baseline impervious areas utilized in the RAA modeling by jurisdiction and watershed to the group
2. Geosyntec will complete final data tables for IMCR by the end of the week and send out to group
3. Chris Wessel and TJ Moon will investigate to see what the CIMP and the Dominguez Channel Group say about monitoring Dominguez Channel Estuary TMDL constituents in the Torrance Lateral
4. Chris Wessel will send out draft IMCR by October 1 and the group will have until October 23rd for comments
5. Cities will get information to Geosyntec regarding contacts at each City that need to be notified before mobilization
6. Geosyntec will send out a summary of the outfall monitoring locations and traffic control procedures for each to City reps
7. Geosyntec will add Ruby Wang and will update LA County to LACFCD in the notification table in the Activation Memo
8. Ruby Wang will get cost estimate to Chris Wessel on auto sampler installation and Geosyntec will investigate this option for site with difficult access for future monitoring years
9. Ruby Wang will check to see what other groups are doing about parameters above MDL with no water quality objective and get back to the group
10. Geosyntec will complete NSW source investigation by the end of October after Torrance completes 3rd round of screening
11. Group to send comments on the EWMP MOU to McGowan Consulting
12. Group to get feedback from building and safety departments on construction outreach content, layout, and format and provide comments to McGowan Consulting